



CORNELL NUTRIENT ANALYSIS LABORATORY

306 Tower Rd., G01 Bradfield Hall, Ithaca, NY 14853

Send samples to above address.

Phone: (607) 255-4540

Email: soiltest@cornell.edu; Web: <http://cnal.cals.cornell.edu>

Contact Information

SOIL ANALYSIS

Name _____

Company/Department _____

Address _____

Telephone _____

City _____

Email results to: _____

State _____ Zip _____

Email invoice to: _____

Sample Information-Please include State + County from which the soil originates _____

Sample Description: (need consecutive #, no missing numbers) _____

Submission Date ____/____/____ Number of Samples _____

Clients with a Cornell email please go to: <https://cnal.cals.cornell.edu/> for submission forms.

- | | |
|---|---|
| <ul style="list-style-type: none"> <input type="checkbox"/> Email results <input type="checkbox"/> Fax results <input type="checkbox"/> Mail results <input type="checkbox"/> Retain samples for 1 month after samples are received. (No charge) <input type="checkbox"/> Special report formatting needed. Please contact lab with details. <input type="checkbox"/> Potentially hazardous samples; please supply details: _____ | <ul style="list-style-type: none"> <input type="checkbox"/> Quarantine Samples. Please contact Robert Schindelbeck (rrs3@cornell.edu) for instruction and permission to use our USDA-APHIS permit. A 15% surcharge will be added for all Soil from Restricted areas or Quarantine samples. <input type="checkbox"/> Details on restricted areas on our website: http://cnal.cals.cornell.edu <input type="checkbox"/> Additional sample processing required. Please contact lab with details. |
|---|---|

Difficult Sample Surcharge of \$5.00 each applied if soil requires extra processing to analyze.

Please fill out the Sample ID form found at: <https://cnal.cals.cornell.edu/> and attach it to the test submission form if you are sending multiple samples.

Payment Information:

Total Amount Owed \$ _____

- Credit Card using the link on your invoice notification.
- Checks made payable to CNAL, sent to: Cornell Nutrient Analysis Lab, P.O. Box 6634, Ithaca, NY 14851
- Account/PO _____

If analysis request is redacted after lab processing begins, samples will still be charged 50% of total fee

Internal office uses only

Check # or Business Acct # _____

Purchase Order (PO) No. _____

Discounts (by prior arrangement only) may be given for samples submitted dried and ground to meet CNAL specifications - call or email for details.

Anticipate 2-3 weeks for the completion of tests.



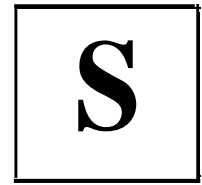
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SOIL ANALYSIS



Soil Fertility Analyses: (NO Recommendations with this analysis)

Cost per Sample

- 1060 Soil Fertility Test Package (Extraction or Modified organ, Morgan, Mehlich I, or Mehlich III extractable) Includes: Al, Ca, Cu, Fe, K, Mg, Mn, Mo, Na, P, S, Zn (ICP); pH; and organic matter (LOI)..... \$25.00
- 1061 Soil Extraction or Modified Morgan, Morgan, Mehlich I, or Mehlich III extractable) Includes: Al, Ca, Cu, Fe, K, Mg, Mn, Mo, Na, P, S, Zn (ICP)..... \$15.00
- 1062 Home Gardeners Package (NEW) 1060-Soil Fertility, pH & organic matter plus 2021-heavy metals \$50.00

pH, EC, OM, TN, TC, Exchangeable Cations

Cost per Sample

- 1810 Organic matter[(Loss ignition (LOI) method)] \$9.00
- 1820 pH in water. \$9.00
- 1830 pH in 0.01 M CaCl₂ \$9.00
- 1880 Soluble salts (conductivity)..... \$8.00
- 2031 NH₄OAc (buffered at pH 7) extractable bases Ca, Mg, K, Na \$30.00
- 2032 NH₄OAc (buffered at pH 7) extractable Cation Exchange Capacity (CEC) \$30.00
- 2041 NH₄Cl (unbuffered) extractable bases Ca, Mg, K, Na \$25.00
- 2042 NH₄Cl (unbuffered) extractable CEC \$33.00
- 2736 Total carbon and nitrogen (CN) \$10.00
- 2737 Total Carbon, Total Nitrogen, Total Hydrogen (combination analysis for 10-15mg sample size)..... \$15.00

Total Elemental Analyses/Heavy Metal Screening

Cost per Sample

- 2021 Toxic Metals and Trace Elements Includes: Al, As, B, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, K, Li, Mg, Mn, Mo, Na, Ni, P, Pb, S, Se, Sr, Ti, V, Zn..... \$30.00
- 2022 Toxic Metal Package (NEW): 2021 plus pH (Suggested Method for Home Gardeners) \$35.00
- 2023 Ag analysis (silver in soil)..... \$20.00

Extractable Nutrients/Elements

Cost per Sample

- 2503 NH₄ (KCl extraction; colorimetric method)..... \$13.00
- 2506 NO₃ + NO₂ (KCl extraction; colorimetric method) \$13.00
- 2511 (PSNT) 2503 NH₄ and 2506 NO₃ + NO₂ (KCl extraction; colorimetric method)..... \$15.00
- 1230 DTPA extraction(pH7.3) for micronutrients (Fe, Mn, Cu, Zn)..... \$20.00
- 1860 Hot water-soluble boron(B)..... \$15.00
- 2820 Potentially Mineralizable Nitrogen (PMN) \$45.00

Soil Physical Characteristics

Cost per Sample

- 1890 Sand content (sieve)..... \$24.00

Special test for research (NEW)

- 2025 Sequential extraction for heavy metals (water pH=7, Modified Morgan pH= 4.8, Mehlich-III pH=2.5, Digestion) \$80.00